

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 2271/74228  U.S. APPLICATION NO. (known as 37 CFR 1.5) <b>10/530607</b>
INTERNATIONAL APPLICATION NO. PCT/JP2004/003919	INTERNATIONAL FILING DATE 23 March 2004	PRIORITY DATE CLAIMED 24 March 2003
TITLE OF INVENTION <b>RECORDING HEAD, CARRIAGE AND IMAGE FORMING APPARATUS</b>		
APPLICANT(S) FOR DO/EO/US <b>Kenichi OGATA, Takahiro YOSHIDA and Hirotoshi EGUCHI</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.  2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.  3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.  4. <input type="checkbox"/> The US has been elected (Article 31).  5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).  6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).  7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.  8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  <b>Items 11 to 20 below concern document(s) or information included:</b>  11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <b>See attached Page 3.</b>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER	
10/530607		PCT/JP2004/003919		2271/74228	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee.....				\$300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200				\$200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500				\$500.00	
TOTAL OF 21, 22 and 23 =				\$1,000.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
146 - 100 =	46 /50 =	1	x \$250	\$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	37 - 20 =	17	x \$ 50	\$850.00	
Independent claims	4 - 3 =	1	x \$200	\$200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$0	
TOTAL OF ABOVE CALCULATIONS =				\$2,300.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/3.					
SUBTOTAL =				\$2,300.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$2,300.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
TOTAL FEES ENCLOSED =				\$2,300.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 2,300.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3125. A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Customer Number 23432					
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				NAME	
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				REGISTRATION NUMBER	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Kenichi OGATA, Takahiro YOSHIDA and Hirotochi EGUCHI  
Serial No. : Not Yet Known Int'l Appl'n No.: PCT/JP2004/003919  
Date Filed : Concurrently Herewith Int'l Filing Date: 23 March 2004  
For : RECORDING HEAD, CARRIAGE AND IMAGE FORMING APPARATUS

**Mail Stop PCT**

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Alexandria, VA 22313-1450  
ATTN: DO/EO/US


Sir:

**EXPRESS MAIL LETTER OF TRANSMITTAL**

Express Mail mailing label number: EV487074155US

Date of Deposit: April 7, 2005

I hereby certify that the above-identified new application, consisting of three pages of the Transmittal Letter To The United States Designated/Elected Office (DO/EO/US) Concerning A Filing Under 35 U.S.C. 371 (in duplicate), a copy of the International Application as filed [including 118-page specification with claims 1-37, Abstract and 28 sheets of formal drawings (Figs. 1-42)], Declaration And Power Of Attorney (4 pages), Assignment and Recordation Cover Sheet (4 pages total), Information Disclosure Statement (including Form PTO-1449 and copies of references), cover page of PCT Publication No. WO 2004/085161 A1, copy of PCT Request, copy of Notification Of Transmittal Of The International Search Report And The Written Opinion Of The International Searching Authority, Or The Declaration, copy of the Written Opinion Of The International Searching Authority, copy of Notification Concerning Submission Or Transmittal Of Priority Document, copy of First Notice Informing The Applicant Of The Communication Of The International Application [To Designated Offices Which Do Not Apply The 30 Month Time Limit Under Article 22(1)], copy of PCT Demand Under Chapter II and copy of Notification Of Transmittal Of International Preliminary Report On Patent Ability, a check in the amount of \$2,300.00 and return stamped postcard, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, ATTN: DO/EO/US.

  
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Application of: Kenichi OGATA, Takahiro YOSHIDA and Hirotochi EGUCHI  
Serial No. : Not Yet Known Int'l Appl'n No.: PCT/JP2004/003919  
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APPARATUS

**Page 3 of Transmittal Letter To The United States Designated/Elected Office  
(DO/EO/US) Concerning A Submission Under 35 U.S.C. 371**

20. Other items or information:

Copies of the following--

- cover page of PCT Publication No. WO 2004/085161 A1;
- PCT Request;
- Notification Of Transmittal Of The International Search Report And The Written  
Opinion Of The International Searching Authority, Or The Declaration;
- Written Opinion Of The International Searching Authority;
- Notification Concerning Submission Or Transmittal Of Priority Document;
- First Notice Informing The Applicant Of The Communication Of The International  
Application [To Designated Offices Which Do Not Apply The 30 Month Time  
Limit Under Article 22(1)];
- PCT Demand Under Chapter II; and
- Notification Of Transmittal Of International Preliminary Report On Patentability.